

# Telog's RS-33 Recording System

## For Remote Monitoring of Distribution Systems



Collecting, analyzing and understanding data from networks of recording sites is a challenging task. Telog's recording system, the RS-33, offers you a versatile, economical and comprehensive solution to keep up with the data acquisition demands of today. The RS-33 is a system package so flexible it can be customized for each application to provide you with the information you need in a concise, presentable format.

**The Telog RS-33 includes** a multichannel recorder, power source and communications option all packaged within a NEMA 4X rated, environmental enclosure with watertight fittings for sensors, power and antenna connections:

**A Multichannel Telog Recorder**—your RS-33 system is available with any of Telog's R-3300 multichannel data recorders. Host software support is provided by the Telogers for Windows Software®, a user friendly software package that operates on Microsoft Windows. See individual R-3300 data sheets and the Telogers product brochure for more information.

**Communications Options**—excellent communications links with robust data integrity are available between the RS-33 and Telogers for Windows. Communications options include a simple, direct RS-232 connection of recorder to a laptop or Telog's PalmPilot based DTU-3xe; land-line phone; cellular radio; spread spectrum; CDPD.

**Power Source**—the low power requirements of the RS-33 system permits operation from a choice of utility, solar or primary battery options.

Telogers for Windows will tailor the entire Telog system to suit your needs, from recording parameters and call scheduling to data presentation and database management. It will also help you track significant events and confirm scheduled recorder activities.

You can choose from a wide range of sensors we have available or ask us to interface with your sensors.

For more information call us at 716.742.3000  
or email: [TelogSales@telog.com](mailto:TelogSales@telog.com)



### Some Remote Monitoring Applications:

- Tank Level
- Lift Station Operation
- Pump Station Performance
- I&I Studies
- Distribution Pressures
- Rain Fall

### Communicate Via:

- Cellular Radio
- CDPD
- Spread Spectrum Radio
- Telephone
- PalmPilot

### Powered By:

- Utility
- Solar
- Battery

# Specifying a Telog Recording System is Easy!

## 1. First, Select a Recorder

- R-3303** 3-channel Recorder,  
Three digital input channels
- R-3307** 7-channel Recorder  
Four analog and three digital input channels
- R-3308** 8-channel Recorder  
Five analog (one dedicated to ambient temperature) and three digital input channels with pulsed sensor excitation
- R-3314** 14-channel Recorder  
Eight analog and six digital input channels

## 2. Next, Select a Communications Option

- T24** 2400-baud telephone modem
- CA6** 600 mW cellular AMPS modem
- CDPD** CDPD modem
- SSR** Spread spectrum radio

## 3. Specify a Power Source

- B10A** 10-amp-hour alkaline battery pack
- B10L** 10 amp-hour lithium battery pack
- ACP** 120 VAC-15VDC plug-in power supply
- AC12** 120/240 VAC to 12 VDC panel mount power supply
- AC24** 120/240 VAC to 24 VDC panel mount power supply
- S5/4** 5 Watt solar power with 4 amp-hour rechargeable battery


## 4. Specify a Product Model Number

RS-33xx-Communications-Power  
Example: RS-3308-CDPD-B10A


# The RS-33 Recording System

**Powered By:**  
AC  
Solar  
Battery

**Recording:**  
I&L      Pump run-time  
Level     Motor run-time  
Flow      Rain fall  
Pressure   Temperature  
Steam     Relative humidity

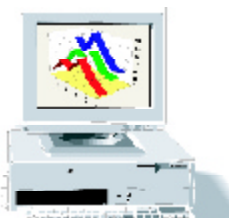


**Communicate Via:**  
PalmPilot or laptop  
Telephone  
Cellular Radio  
Spread Spectrum Radio  
CDPD



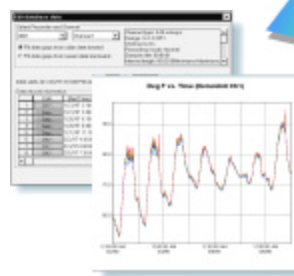
**Reporting Simplified**

- Alarm call-in
- View real-time readings
- Scheduled call times
- Alarm paging



**Telogers for Windows:**

Channels from recorders located throughout a network may be viewed together for easy comparison and data analysis.





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